

Jr. Rangers

Park Rangers have a very interesting and exciting job. They study and protect the water, plants, and animals at Crater Lake National Park. They also provide information and services to many visitors. Unfortunately, we don't have enough park rangers to talk to each visitor, or to make sure that the park stays clean and the animals stay safe. We need your help! These activities will help you learn more about Crater Lake. You'll still need to complete a Jr. Ranger booklet (available at park visitor centers) to become an official Jr. Ranger and receive a badge, but these activities will help you learn more about this exciting place. Once you know more about the park you can help us protect it. Good luck. We're counting on you!

A Crater Lake Snapshot

Draw a picture to help you remember your visit to Crater Lake National Park!




















My favorite place in Crater Lake National Park 

Volcano Word Match

Match each word with its correct meaning:

- | | |
|------------------------|--|
| 1. ____ Pumice | A. A scientist who specializes in studying volcanoes |
| 2. ____ Caldera | B. Molten rock below the earth's surface |
| 3. ____ Cinder Cone | C. A frothy variety of volcanic rock, usually white and very light |
| 4. ____ Magma | D. Fine-grained fragments of volcanic rock blown into the air by an eruption |
| 5. ____ Volcanic Ash | E. A large basin-shaped depression formed by the collapse of a volcano |
| 6. ____ Tectonic Plate | |

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7. ____ Volcanologist F. An enormous rigid slab that makes up the outer crust of the earth
8. ____ Crater G. A small basalt volcano that erupts conical piles of bubbly fragments
- H. A depression at the top of a volcano created by explosions during an eruption

The Animals Need Your Help



Wild animals are only supposed to eat wild food (like grass and seeds that naturally grow in the park). Unfortunately, people still feed them. Feeding animals is bad for animals and for people.

Many animals store their

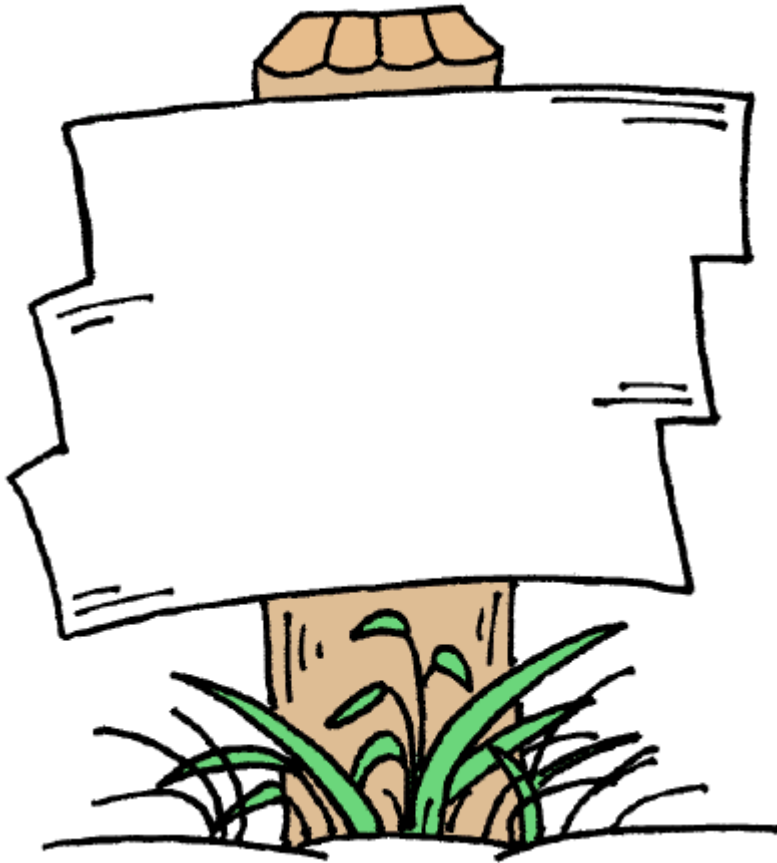
food and save it for winter. When they store "people food" it doesn't last long and rots before the animals can eat it.

With their stored food gone, they starve during winter. Also, animals do bite the hands that feed them. In order to protect people and animals we try to stop people from feeding them. We need to make a sign that lets everyone know it is dangerous to feed wild animals. Can you draw a sign that will help us?



One of the devices scientists use to measure the clarity of Crater Lake's water is a "Secchi disk," an eight-inch metal disk painted black and white for better visibility. The disk is lowered over the side of a boat on a cable until it can no longer be seen; then the cable is measured. Scientists commonly see the disk more than 100 feet beneath the surface of Crater Lake, and in 1997, set a world record with a reading of 142 feet!

How far is 144 feet? Use a ruler to measure the length of your stride. Then figure out how many steps you'd have to take to go 142 feet. Pace off the distance and you'll see how clear the water in Crater Lake is!



Wildlife Watch

A "habitat" is a place where an animal lives that provides it with everything it needs: food, water, shelter, and space. There are many types of habitats. Forests, meadows, streams, and mountains are all habitats found in Crater Lake National Park. All living things interact with other living things in their habitat. Everything is connected in the web of life. Try to identify the different types of habitat for the animals you see, then write what you see the animal doing:

<u>Animal</u>	<u>Habitat</u>	<u>Behavior</u>

answers to Word Match: 1C, 2E, 3G, 4B, 5D, 6F, 7A, 8H

Scavenger Hunt!

Locate the following 6 items. Draw a picture of each item in the boxes below, label it, and write down where you found it. Don't forget! Each item is an important part of Crater Lake National Park. They all depend on each other. Please do not take them home with you or remove them from the park.

- a ground squirrel
- a piece of lichen
- a park ranger
- a fire lookout
- a waterfall
- a hemlock cone

